## CLAIMS

What is claimed is:

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- 1. An anti-rotation lock for preventing circumferential movement of a stator segment in relation to a gas turbine engine split case to which it is mounted, comprising:
  - a split case;

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- a pocket disposed within said case at a location thereon proximate to said vane segment;
- a lug, received within said pocket and protruding inwardly from an inner surface of said case and engagable by said vane segment to prevent circumferential movement thereof with respect to said case; and
- a spring pin received within said pocket and engaged with said lug to compressively retain said lug within said pocket.

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- 2. The anti-rotation lock of claim 1, wherein:
  said lug overhangs said pocket, extending beyond said spring
- 3. The anti-rotation lock of claim 2, wherein:

pin in the circumferential direction.

said lug further comprises an innermost radial face and an outermost radial face; and each of said faces are chamfered about at least a portion of their periphery.

- 4. The anti-rotation lock of claim 3, wherein:

  said case further comprises at least one pair of

  circumferentially extending and axially spaced apart rails,

  protruding inward from the inner surface and forming

  a corresponding pair of grooves for accepting the stator

  segment in a sliding arrangement.
- 5. The anti-rotation lock of claim 4, wherein:

  10 said spring pin further comprises an outer diameter; and
  the outer diameter is larger than a circumferential width of
  said pocket prior to being received in said pocket.
- 6. The anti-rotation lock of claim 5, wherein:

  15 said spring pin further comprises a hollow cylinder, split

  lengthwise by a linear slot.
  - 7. The anti-rotation lock of claim 6, wherein: said slot is helical.

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8. The anti-rotation lock of claim 6, wherein:

said lug further comprises a recess, positioned between the innermost and the outermost faces and adjacent to the received spring pin.

9. The anti-rotation lock of claim 8, wherein:

the recess is concave and corresponds to the outer diameter of
said received spring pin.